

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number
WO 2005/009350 A2

(51) International Patent Classification⁷:

A61K

(21) International Application Number:

PCT/US2004/021725

(22) International Filing Date:

7 July 2004 (07.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/485,550

7 July 2003 (07.07.2003) US

(71) Applicant (for all designated States except US): THE
GENERAL HOSPITAL CORPORATION [US/US]; 55
Fruit Street, Boston, MA 02114 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): POZNANSKY,
Mark, C., MD., Ph.D. [US/US]; Assistant Professor of
Medicine, Harvard Medical School, Aids Research Center,
Mgh (East), 13th Street, Charlestown, MA 02129 (US).
DOUGHTY, Dahlia [US/US]; Assistant Professor of
Medicine, Harvard Medical School, Aids Research Center,
Mgh (East), Charlestown, MA 02129 (US).

(74) Agents: KOWALSKI, Thomas_ et al.; Frommer
Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY
10151 (US).

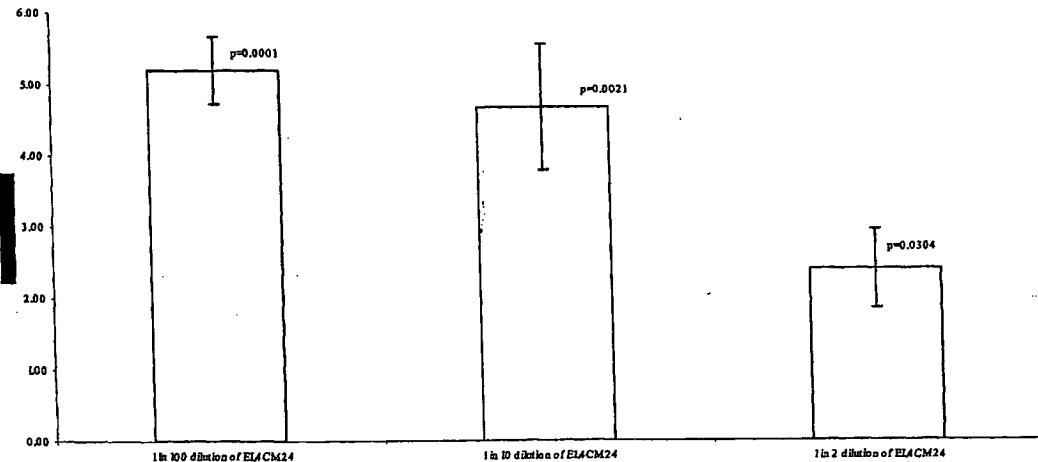
(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: FUGETACTIC PROTEINS, COMPOSITIONS AND METHODS OF USE

EL4 Conditioned Media Repels T cells *in vitro*



WO 2005/009350 A2

(57) Abstract: This invention relates to compositions and methods that modulate the movement of cells with migratory capacity. More specifically, the invention relates to compositions and methods for promoting migratory movement, fugetaxis, of cells from a specific site in a subject. The foregoing are useful, *inter alia*, in the treatment of conditions characterized by a need to promote migratory cell movement away from specific sites in a subject. Specific sites include sites of inflammation, infection, an autoimmune reaction, a tumor and a transplanted organ or tissue.



Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.